

WHAT IS CLAIMED IS:

1. A method of calibrating image capturing for use in beauty analysis, the method comprising:
 - displaying a reference image on a calibrated display device;
 - instructing a subject to place a body part adjacent the reference image;
 - capturing a calibrating image of the body part adjacent the reference image using an image capture device;
 - generating calibration information by processing the calibrating image and information reflective of the reference image; and
 - calibrating at least one of the image capture device and a driver for the image capture device using the calibration information.
2. The method of claim 1, wherein the reference image includes a color bar of multiple colors and a swatch of multiple colors.
3. The method of claim 2, wherein the colors represent at least one of skin tone, skin color, and skin replica.
4. The method of claim 1, wherein displaying a reference image includes providing access to at least one of a client-based algorithm and a server-based algorithm for displaying the reference image.
5. The method of claim 1, wherein instructing the subject includes at least one of transmitting instructions to the subject over a network, transmitting instructions to the subject in the form of software, and instructing the subject via hard-copy form of instructions.

6. The method of claim 1, wherein capturing a calibrating image includes providing access to at least one of a client-based algorithm and a server-based algorithm for causing the image capture device to capture a calibrating image.

7. The method of claim 1, wherein generating calibration information includes comparing at least one color of the body part in the calibrating image and at least one color of the reference image.

8. The method of claim 1, wherein calibrating includes enabling an adjustment on a subsequent captured image based upon the calibration information.

9. The method of claim 1, further comprising:
capturing an image using said at least one calibrated image capture device and driver; and
providing a beauty analysis based upon the captured image.

10. A system for calibrating image capturing for use in beauty analysis, the system comprising:

means for displaying a reference image on a calibrated display device;
means for instructing a subject to place a body part adjacent the reference image;

means for capturing a calibrating image of the body part adjacent the reference image using an image capture device;

means for generating calibration information by processing the calibrating image and information reflective of the reference image; and

means for calibrating at least one of the image capture device and a driver for the image capture device using the calibration information.

11. The system of claim 10, wherein the reference image includes a color bar of multiple colors and a swatch of multiple colors.

12. The system of claim 11, wherein the colors represent at least one of skin tone, skin color, and skin replica.

13. The system of claim 10, wherein means for displaying a reference image includes means for providing access to at least one of a client-based algorithm and a server-based algorithm for displaying the reference image.

14. The system of claim 10, wherein means for instructing the subject includes at least one of means for transmitting instructions to the subject over a network, means for transmitting instructions to the subject in the form of software, and means for instructing the subject via hard-copy form of instructions.

15. The system of claim 10, wherein means for capturing a calibrating image includes providing access to at least one of a client-based algorithm and a server-based algorithm for causing the image capture device to capture a calibrating image.

16. The system of claim 10, wherein means for generating calibration information includes means for comparing at least one color of the body part in the calibrating image and at least one color of the reference image.

17. The system of claim 10, wherein means for calibrating includes means for enabling an adjustment on a subsequent captured image based upon the calibration information.

18. The system of claim 10, further comprising:

means for capturing an image using said at least one calibrated image capture device and driver; and

means for providing a beauty analysis based upon the captured image.

19. A method of calibrating image capturing for use in beauty analysis, the method comprising:

providing a reference image to a subject;

instructing the subject to place a body part adjacent the reference image;

capturing a calibrating image of the body part adjacent the reference image using an image capture device spaced away from the reference image;

generating calibration information by processing the calibrating image and information reflective of the reference image; and

calibrating at least one of the image capture device and a driver for the image capture device using the calibration information.

20. The method of claim 19, wherein the reference image includes at least one of a color bar of multiple colors and a swatch of multiple colors.

21. The method of claim 20, wherein the colors represent at least one of skin tone, skin color, and skin replica.

22. The method of claim 19, wherein providing a reference image includes one of electronically transmitting the reference image and physically transmitting the reference image.

23. The method of claim 19, wherein instructing the subject includes at least one of transmitting instructions to the subject over a network, transmitting

instructions to the subject in the form of software, and instructing the subject via a hard-copy form of instructions.

24. The method of claim 19, wherein capturing a calibrating image includes providing access to at least one of a client-based algorithm and a server-based algorithm for causing the image capture device to capture a calibrating image.

25. The method of claim 19, wherein generating calibration information includes comparing at least one color of the body part in the calibrating image and at least one color of the reference image.

26. The method of claim 19, wherein calibrating includes enabling an adjustment on a subsequent captured image based upon the calibration information.

27. The method of claim 19, further comprising:

capturing an image using said at least one calibrated image capture device and driver; and

providing a beauty analysis based upon the captured image.

28. The method of claim 19, wherein providing a reference image comprises enabling the subject to obtain the reference image in hard copy form via a printer.

29. A system for calibrating image capturing for use in beauty analysis, the system comprising:

means for providing a reference image to a subject;

means for instructing the subject to place a body part adjacent the reference image;

means for capturing a calibrating image of the body part adjacent the reference image using an image capture device spaced away from the reference image;

means for generating calibration information by processing the calibrating image and information reflective of the reference image; and

means for calibrating at least one of the image capture device and a driver for the image capture device using the calibration information.

30. The system of claim 29, wherein the reference image includes at least one of a color bar of multiple colors and a swatch of multiple colors.

31. The system of claim 30, wherein the colors represent at least one of skin tone, skin color, and skin replica.

32. The system of claim 29, wherein means for providing a reference image includes one of means for electronically transmitting the reference image and means for physically transmitting the reference image.

33. The system of claim 29, wherein means for instructing the subject includes at least one of means for transmitting instructions to the subject over a network, means for transmitting instructions to the subject in the form of software, and means for instructing the subject via a hard-copy form of instructions.

34. The system of claim 29, wherein means for capturing a calibrating image includes providing access to at least one of a client-based algorithm and a server-based algorithm for causing the image capture device to capture a calibrating image.

35. The system of claim 29, wherein means for generating calibration information includes means for comparing at least one color of the body part in the calibrating image and at least one color of the reference image.

36. The system of claim 29, wherein means for calibrating includes means for enabling an adjustment on a subsequent captured image based upon the calibration information.

37. The system of claim 29, further comprising:
means for capturing an image using said at least one calibrated image capture device and driver; and
means for providing a beauty analysis based upon the captured image.

38. The method of claim 29, wherein the means for providing a reference image comprises means for enabling the subject to obtain the reference image in hard copy form via a printer.

39. A method of calibrating image capturing for use in beauty analysis, the method comprising:

enabling a subject to print a reference image on a calibrated printer;
instructing a subject to place a body part adjacent the printed reference image;
capturing a calibrating image of the body part adjacent the printed reference image;
generating calibration information by processing the calibrating image and the reference image; and

calibrating at least one of the image capture device and a driver for the image capture device using the calibration information.

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